Pablo Palacios-JÃ¡tiva

List of Publications by Year
in descending order

		1163117	1125743
25 papers	235 citations	8 h-index	13 g-index
26 all docs	26 docs citations	26 times ranked	89 citing authors

#	Article	IF	Citations
1	Interference Mitigation for Visible Light Communications in Underground Mines Using Angle Diversity Receivers. Sensors, 2020, 20, 367.	3.8	44
2	A VLC Channel Model for Underground Mining Environments With Scattering and Shadowing. IEEE Access, 2020, 8, 185445-185464.	4.2	38
3	Underground Mine Positioning: A Review. IEEE Sensors Journal, 2022, 22, 4755-4771.	4.7	29
4	Performance Enhancement of VLC-Based Systems Using Diversity Combining Schemes in the Receiver. , 2019, , .		15
5	Relaxation of the Radio-Frequency Linewidth for Coherent-Optical Orthogonal Frequency-Division Multiplexing Schemes by Employing the Improved Extreme Learning Machine. Symmetry, 2020, 12, 632.	2.2	13
6	BER Performance of OFDM-Based Visible Light Communication Systems. , 2019, , .		11
7	Bit error probability of VLC systems in underground mining channels with imperfect CSI. AEU - International Journal of Electronics and Communications, 2022, 145, 154101.	2.9	11
8	Performance analysis of IEEE 802.15.7-based visible light communication systems in underground mine environments. Photonic Network Communications, 2022, 43, 23-33.	2.7	10
9	An Enhanced VLC Channel Model for Underground Mining Environments Considering a 3D Dust Particle Distribution Model. Sensors, 2022, 22, 2483.	3.8	9
10	A Hybrid VLC-RF Portable Phasor Measurement Unit for Deep Tunnels. Sensors, 2020, 20, 790.	3.8	8
11	Impact of diversity combining schemes in a multi-cell VLC system with angle diversity receivers. Photonic Network Communications, 2022, 43, 13-22.	2.7	8
12	Non-Orthogonal Multiple Access for Cognitive Mobile Radio Networks in 5G Communications. , 2019, , .		7
13	On the Performance of Visible Light Communications in Underground Mines. , 2020, , .		7
14	3D Multiple Sound Source Localization by Proposed T-Shaped Circular Distributed Microphone Arrays in Combination with GEVD and Adaptive GCC-PHAT/ML Algorithms. Sensors, 2022, 22, 1011.	3.8	5
15	Multiresolution Speech Enhancement Based on Proposed Circular Nested Microphone Array in Combination with Sub-Band Affine Projection Algorithm. Applied Sciences (Switzerland), 2020, 10, 3955.	2.5	4
16	Extreme Learning Machine Based Channel Estimator and Equalizer for Underground Mining VLC Systems. , 2021, , .		4
17	Propagation Features of Visible Light Communication in Underground Mining Environments. Communications in Computer and Information Science, 2020, , 82-93.	0.5	3
18	Empirical Path Loss Distribution for Visible Light Communications in Underground Mines. , 2020, , .		3

#	Article	IF	Citations
19	Three-dimensional sound source localization by distributed microphone arrays. , 2021, , .		3
20	3D Multiple Sound Source Localization by Proposed Cuboids Nested Microphone Array in Combination with Adaptive Wavelet-Based Subband GEVD. Electronics (Switzerland), 2020, 9, 867.	3.1	2
21	Bit Error Rate Analysis for OFDM Schemes Applied to Underground Mining VLC Systems. , 2021, , .		1
22	On the Performance of NOMA Power Control Scheme in Cognitive Radio Networks. , 2019, , .		0
23	All-optical Routers Modeled through the Matrix Method with NVidia CUDA Development Framework. , 2019, , .		0
24	Phase-noise Compensation for QPSK-RoF-OFDM Signals with the Extreme Learning Machine Algorithm for Multilayer Perceptron. , 2021, , .		0
25	A Theoretical Review of Modulation and Multiplexing Techniques in Light Fidelity. , 2021, , .		0